

Fig. 2

any and all other rights in and to the invention are hereby reserved.

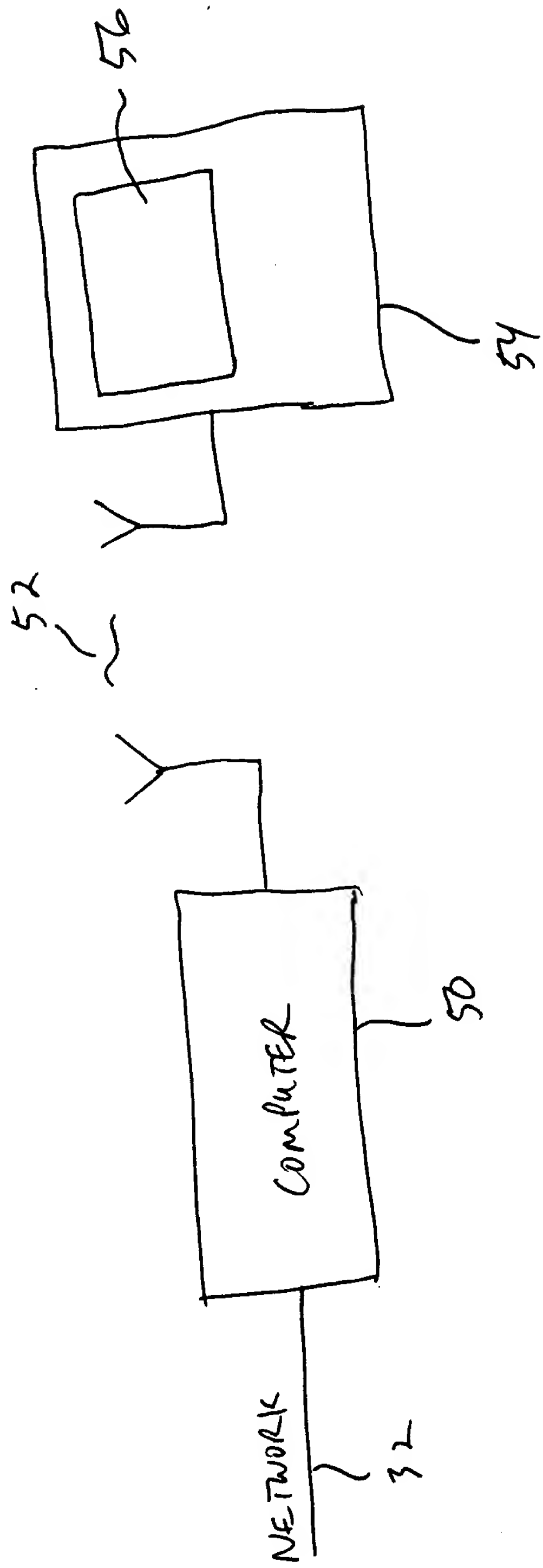


Fig. 3

FIG. 4 is a block diagram of a network system 18, in accordance with the present invention. The network system 18 includes a computer system 12, a router 70, a terminal client 62, a gate client 64, a gate controller 66, an RF access point 72, and a computer 54. The computer system 12 is connected to the router 70. The router 70 is connected to the terminal client 62 and the gate client 64. The gate client 64 is connected to the gate controller 66. The gate controller 66 is connected to the RF access point 72. The RF access point 72 is connected to the computer 54.

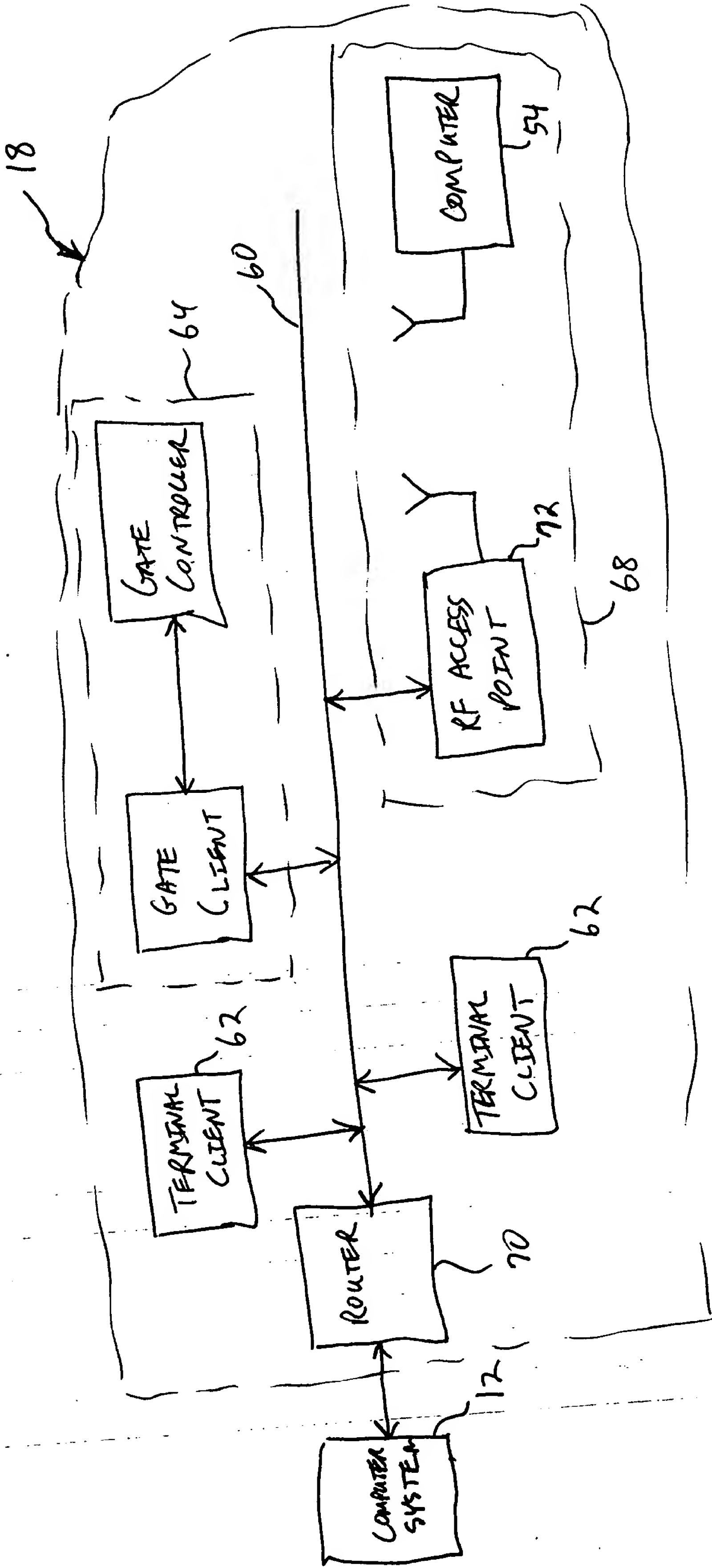


Fig. 4

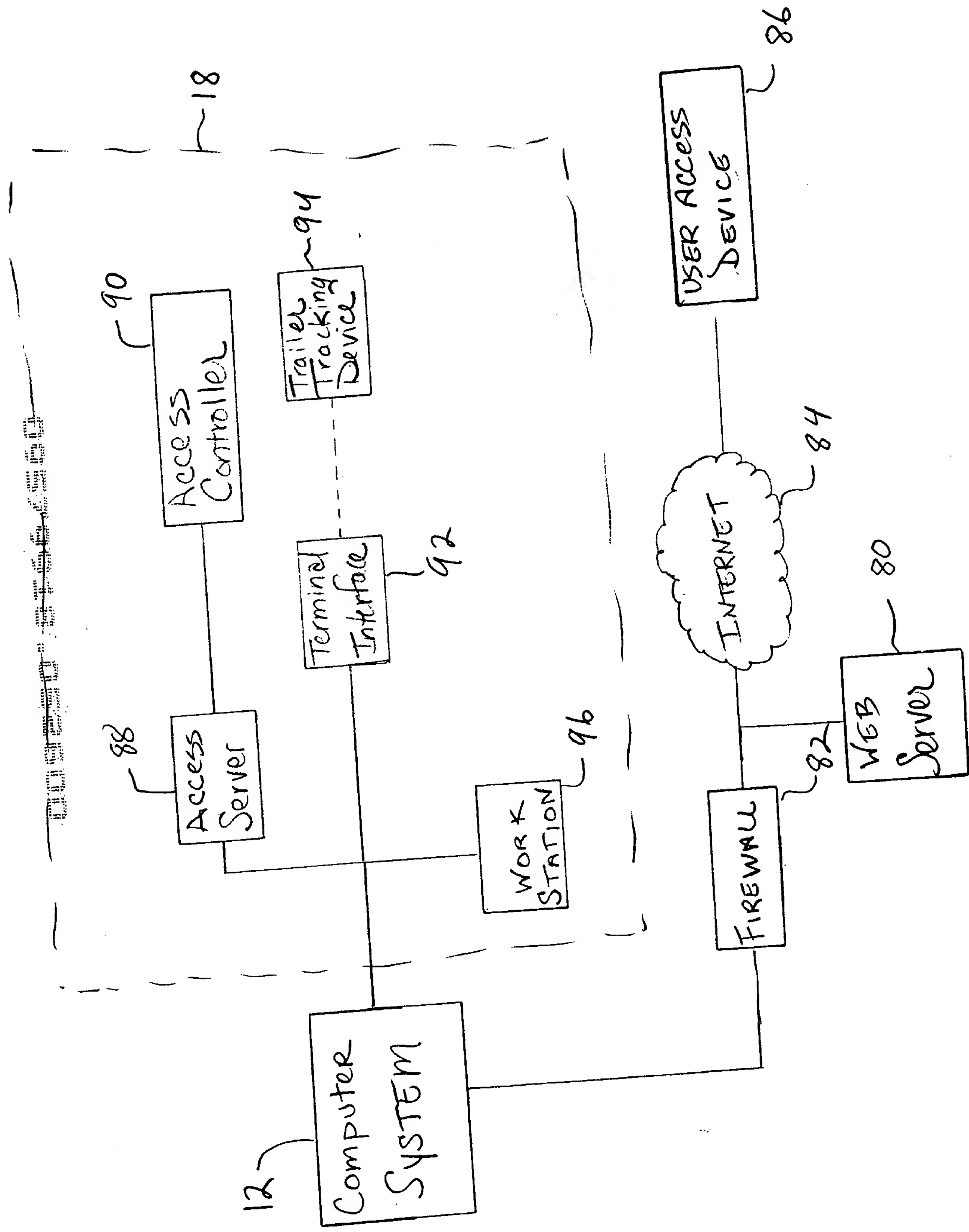


Figure 5

FIG. 6 is a schematic diagram of a network architecture showing a central Terminal Ethernet connected to various components including a Mainframe, a Router, a DMZ, and an Internet connection.

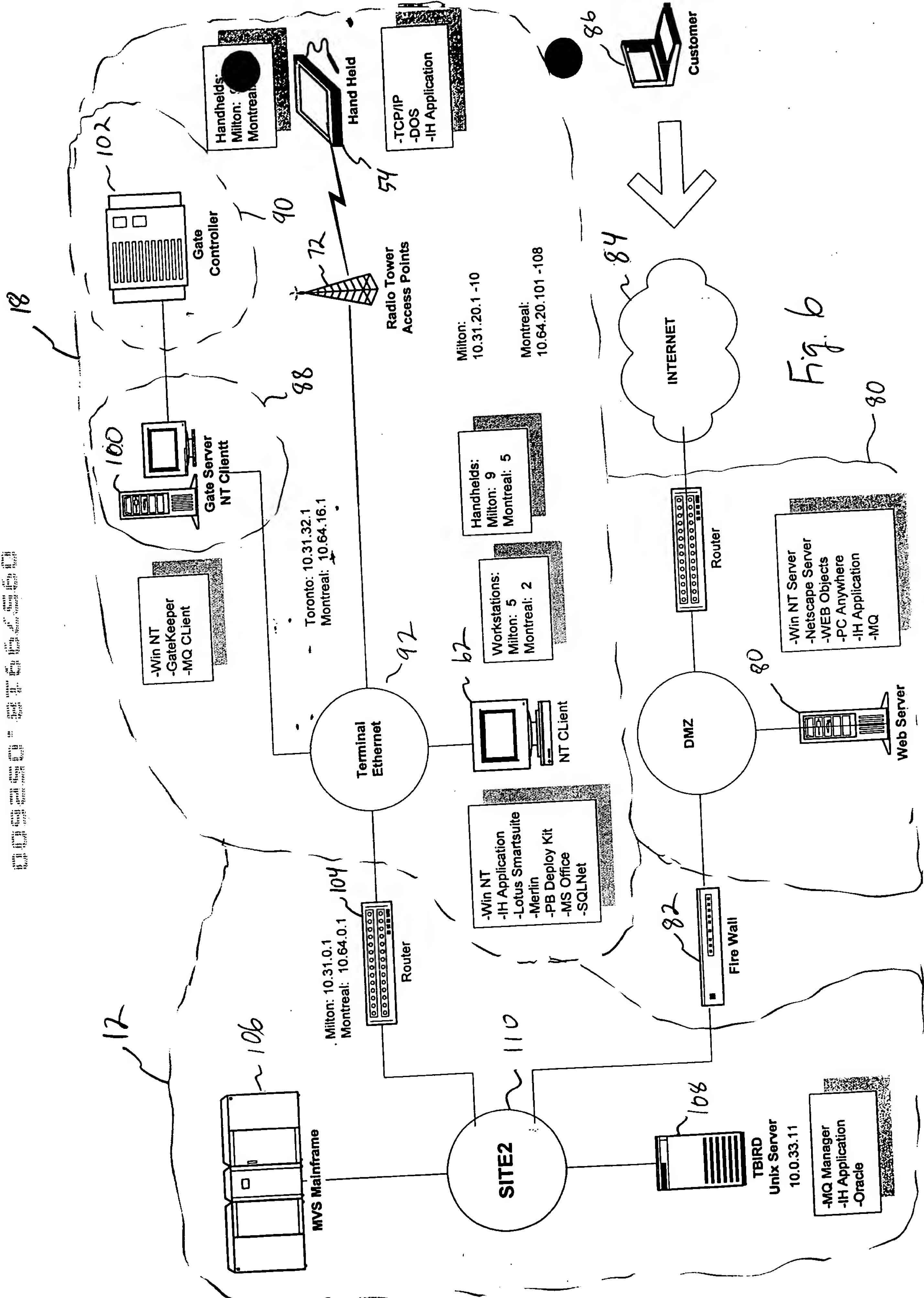


Fig. 6

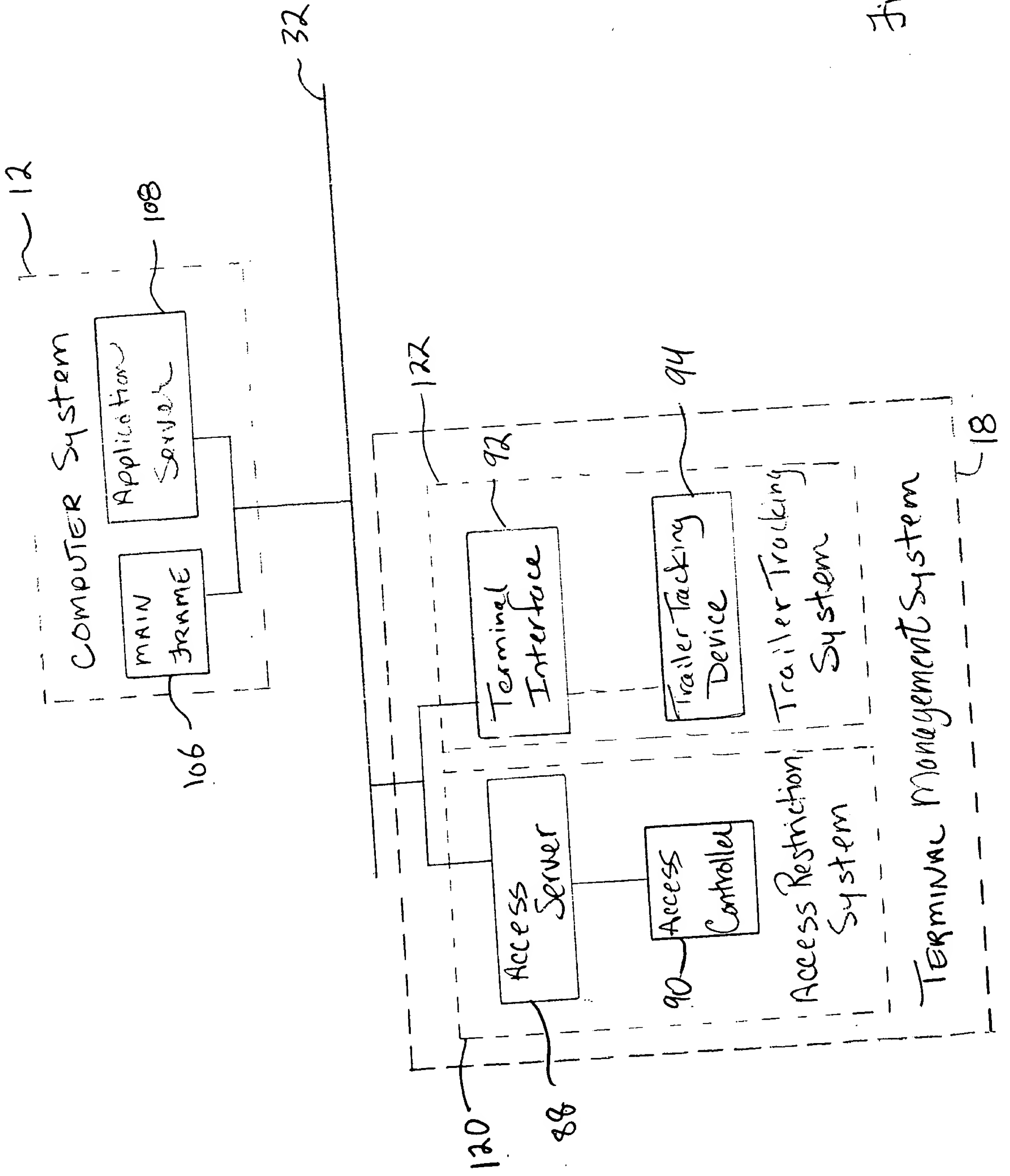
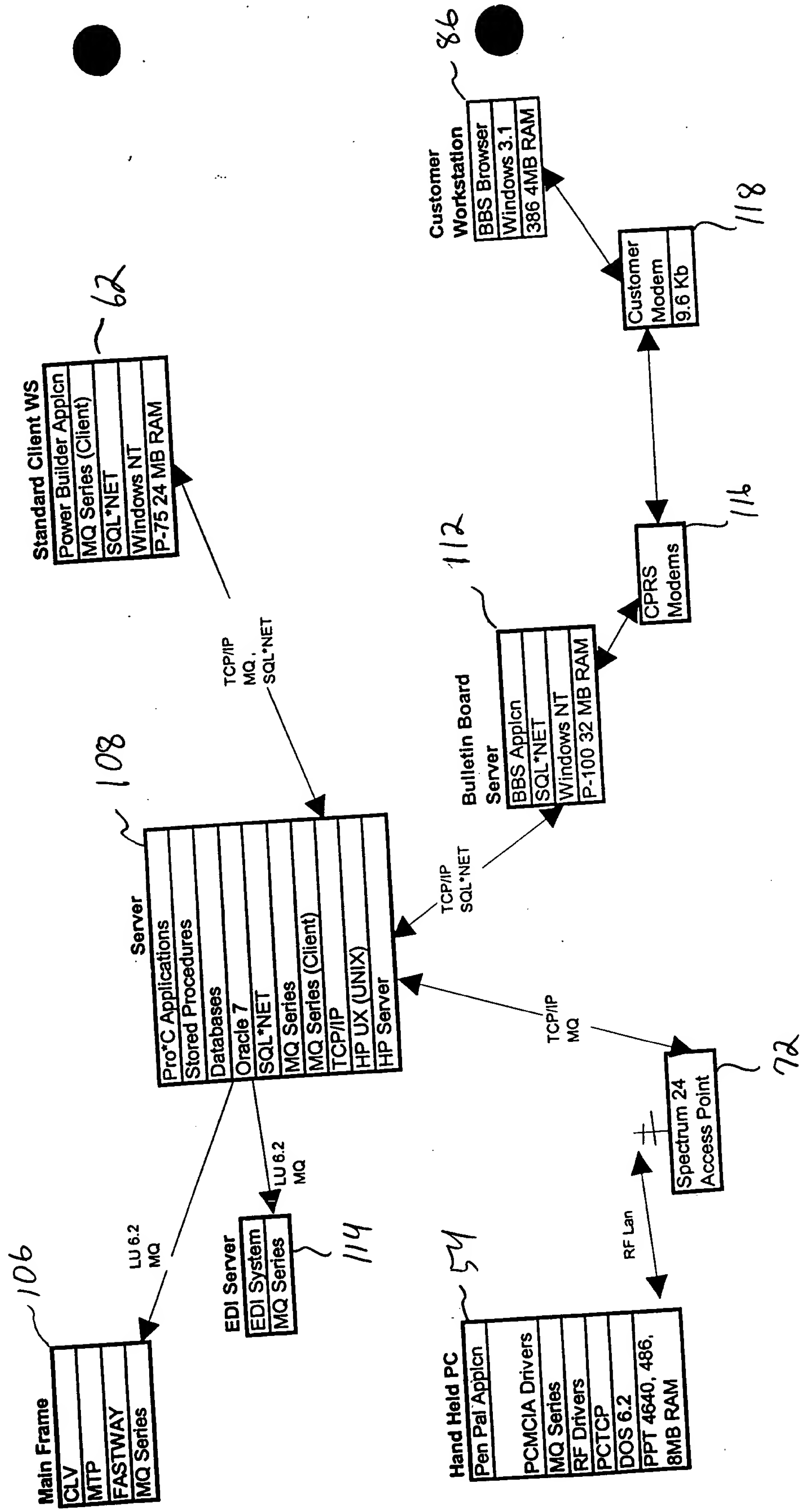


Figure 7



8.5



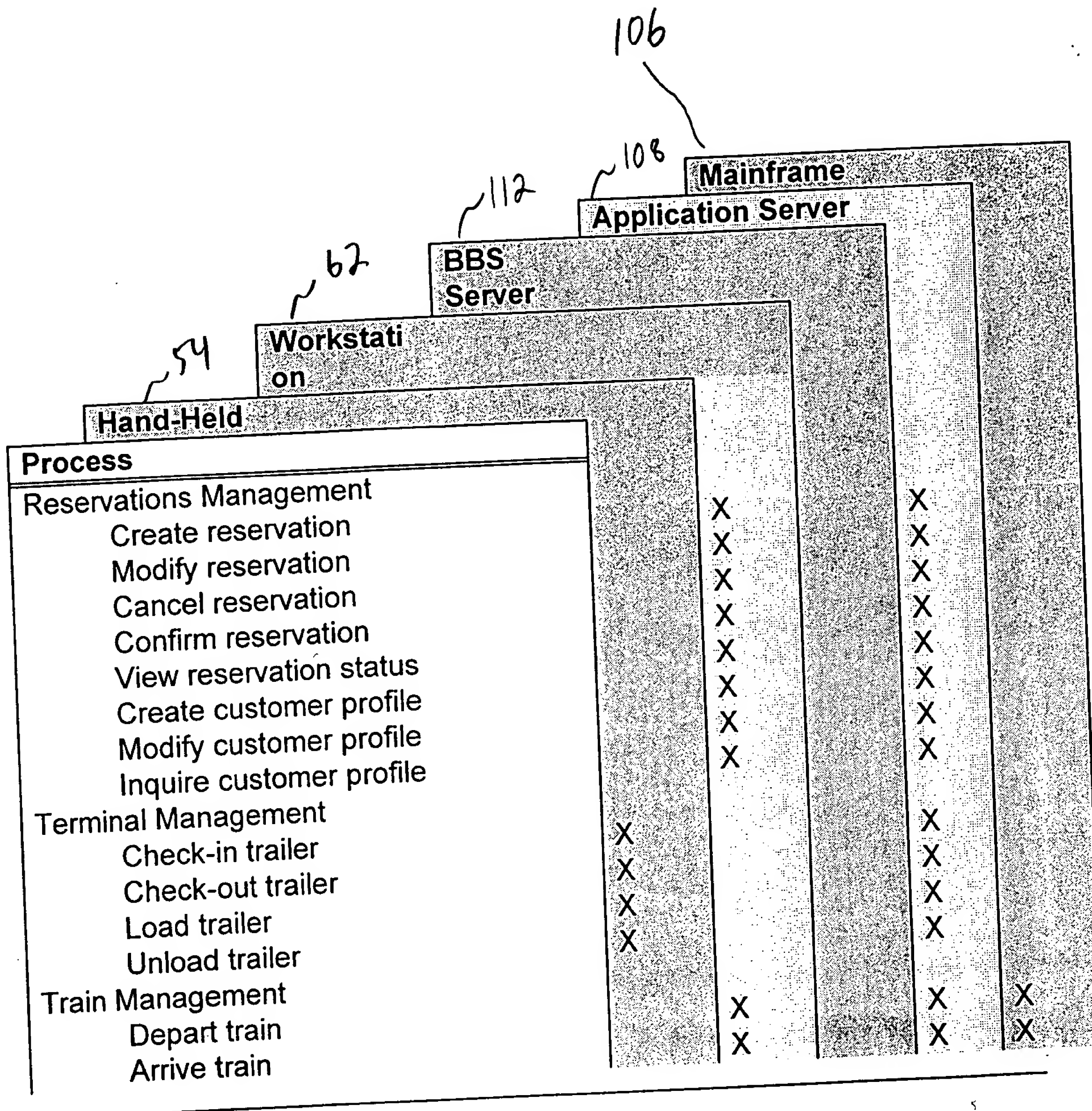
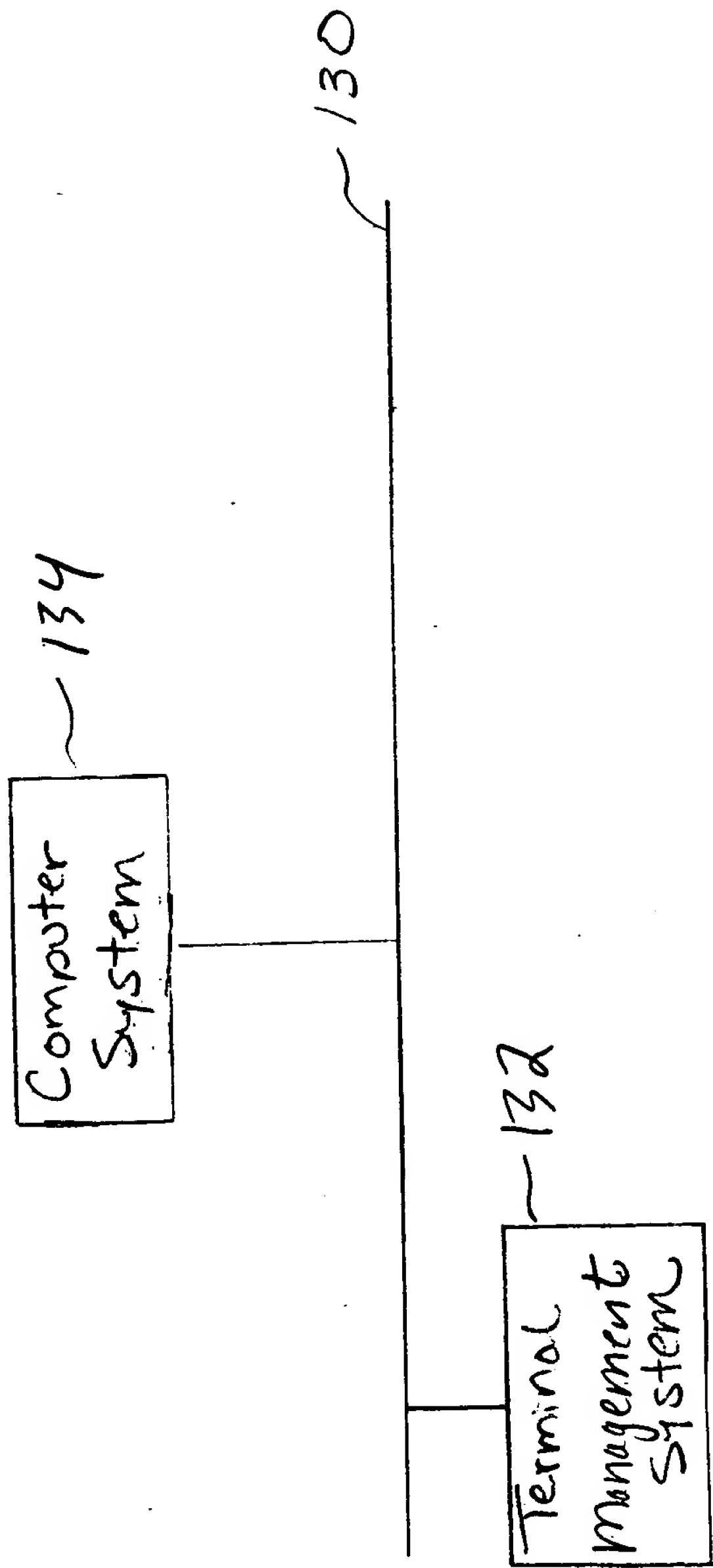


Fig. 9



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10

Figure 10

OPERATING TRAIN SEARCH

EXPRESSWAY

File Edit Management Operation Reports Window Help

Custom Reports

Trains

Schedule

StandBy

Unit Trace

Reports

Profiles

Templates

Help

Exit

Open

Search

Refresh

Delete

Help

Close

Res No.

Customer

Status

Origin

Destination

Train No.

Reservation List

Reservation Search

Criteria

Reservation No. 122

Train ID

Origin

Departure 2/10/2000

Destination

Arrival

Status

Customer

[Train Id = 122]

Search

Reset

Criteria

Help

Cancel

Reservation Summary

Number: Not Available

Status: Not Available

Trailers

Reserved: Confirmed: Released:

Pups

Reserved: Confirmed: Released:

Search Items

08-Feb-2000 16:11:24

140

Fig. 11



# RESERVATION LIST

0034300 21032500

EXPRESSWAY

File Edit Management Operation Reports Window Help

Customer (F2)

Trains

Schedule

SendBy

Unit Trace

Reports

Profiles

Templates

Help

Exit

Open

Search

Retrieve

Delete

Help

Close

Reservation List

File No.	Customer	Status	Origin	Destination	Train No.
56101	BRUCE R SMITH LTD	Open	TORONTO EWT	MONTREAL EWT	122-10
56100	HUDSON'S BAY CO	Open	TORONTO EWT	MONTREAL EWT	122-10

Reservation Summary

Number: 56101

Status: Open

Trailers

Reserved: 4

Confirmed: 0

Released: 0

Pups

Reserved: 0

Confirmed: 0

Released: 0

08-Feb-2000 16:29:50

Fig. 12

150

152

RESERVATION CREATION

EXPRESSWAY

File Edit Management Operation Reports Window Help

Trains

Schedule

StandBy

Unit Trace

Reports

Profiles

Templates

Help

Exit

Res No: 56101 BRU  
56100 HUD

Reservation Detail

Reservation Summary

Number:

Status:

Trailers:

Pups:

Reserved:

Confirmed:

Released:

Reservation Details

Customer: CANADIAN TIRE CORP LTD

Trailers: 5

Pups: 5

Internet Created: ☐

Caller: Anna Smith

Status: Not Available

Journey

Train Number: 122

Origin: TORONTO EWT

Destination: MONTREAL EWT

Departure: 2/10/2000

Find

Reset

☒ Keep Journey for New Reservations

Confirmations

Releases

Route Details

Comments

Origin	Destination	Departure	Arrival	Status
TORONTO EWT	MONTREAL EWT	10-Feb-2000 18:00	10-Feb-2000 22:00	Planned

Free Pool

100

OR

200

By Route

100

OR

200

New Reservation

OK

Cancel

Apply

Help

31:32

Fig. 13

160



RESERVATION CONFIRMATION

166 1661032500 237624500

162

EXPRESSWAY

File Edit Management Operation Reports Window Help

Reservation Detail

Reservation Summary

Number: 57109

Status: Completed

Trailers: Reserved: 4 Confirmed: 4 Released: 0

Pups: Reserved: 1 Confirmed: 1 Released: 0

Reservation Details

Customer: ROBERT TRANSPORT INC

Trailers: 4

Pups: 1

Caller: [blank]

Status: Completed

Internet Created: [blank]

Journey

Train Number: 893

Origin: TORONTO EWT

Destination: DETROIT EWT

Departure: 19-Apr-2000 10:00

☒ Keep Journey for New Reservations

Confirmations

Releases

Route Details

Comments

Trailer ID	Length	Type	Seal ID	Cont. Wt	Dngis	Shipment ID	Status
R0BZ8001	20' Pup	Dry Van	1234	1,000	<input type="checkbox"/>	A123	Pick to Unload
R0BZ8002	48' Trailer	Dry Van	1234	10,000	<input checked="" type="checkbox"/>	11	Pick to Unload
R0BZ8003	48' Trailer	Dry Van	1234	4,000	<input type="checkbox"/>	AA11	Pick to Unload
R0BZ8004	50' Trailer	Dry Van	1234	0	<input type="checkbox"/>	AA	Arrived
R0BZ8005	48' Trailer	Dry Van	1234	0	<input type="checkbox"/>	11	Rdy for CO

New Reservation

OK Cancel Help

Res No

56401C

57104C

57120C

57060C

56520C

57107C

56541C

56581C

56720C

56481C

56700C

56680C

56480C

57020C

56640C

57103C

56360C

56540C

56361C

56601FU

57109R

57105R

Ready

28-Apr-2000 16:54:15

Fig. 14



CONFIRMATION DETAILS

EXPRESSWAY

File Edit Management Operation Reports Window Help

Confirmation Detail

Trailer

ID: ROBZ80002

Chassis ID:

Style: Dry Van

Length: 48' Trailer

Seal No: 1234

Content Wt: 10,000 lbs

Dangerous Wt: 1,000 lbs

☐ Empty Load
☒ Dangerous

Customer

Name: ROBERT TRANSPORT INC

Caller: yd

☐ Internet Created

Shipment

ID: 11

No Charge: ☐

Status: Pick to Unload

Rollup Door: ☐

Special Handling Instructions:

Reservation

Train

Check In / Out

Events

Placards

Customs

Commodity

Customer

Reservation Summary

Number: 57109

Status: Completed

Trailers

Reserved: 4

Confirmed: 4

Released: 0

Pups

Reserved: 1

Confirmed: 1

Released: 0

New Confirmation

OK Cancel Apply Help

Res No

56401 C

57104 C

57120 C

57060 C

56520 C

57107 C

56541 C

56581 C

56720 C

56481 C

56700 C

56680 C

56480 C

57020 C

56640 C

57103 C

56360 C

56540 C

56361 C

56601 F

57109 F

57105 R

ary

4

4

0

1

1

0

28-Apr-2000 17:27:55

Fig. 15



CONFIRMATION DETAILS - CUSTOMS INFORMATION

EXPRESSWAY  
File Edit Management Operation Reports Window Help

Confirmation Detail

Trailer ID: R08Z80002  
Chassis ID: [ ]  
Style: Dry Van  
Length: 48' Trailer  
Seal No: 1234  
Content Wt: 10,000 lbs.  
Dangerous Wt: 1,000 lbs.  
☐ Empty Load ☒ Dangerous

Customer Name: ROBERT TRANSPORT INC  
Caller: jyd  
☐ Internet Created

Shipment ID: 11  
Rollup Door ☐  
No Charge ☐  
Status: Pick to Unload

Special Handling Instructions:

Reservation Train Check In / Out Events Placards Customs Commodity Customer

Customs Details:  
Customs Broker: FRITZ CO INC  
Lading Value: 200  
Bonded Shipment: N  
Line Release Num: [ ]  
Bond Type: [ ]

Documents:  
In Transit Papers: [ ]  
Commercial Invoice: [ ]  
Bill of Lading: [ ]

Customs Status:  
Customs Status: [ ]  
Explanation: [ ]

New Confirmation

OK Cancel Apply Help

Res No: 56401 C 57104 C 57120 C 57060 C 56520 C 57107 C 56541 C 56581 C 56720 C 56481 C 56700 C 56680 C 56480 C 57020 C 56640 C 57103 C 56360 C 56540 C 56361 C 56601 F 57105 R 57105 R

Ready

28-Apr-2000 17:29:08

170

174

Fig. 16



# CONFIRMATION DETAILS - COMMODITY INFORMATION

EXPRESSWAY

File Edit Management Operation Reports Window Help

## Confirmation Detail

**Trailer**

ID:

Chassis ID:

Style:

Length:

Seal No:

Content Wt:

Dangerous Wt:

☐ Empty Load ☒ Dangerous

**Customer**

Name:

Caller:

☐ Internet Created

**Shipment**

ID:

No Charge: ☐

Status:

Rollup Door: ☐

### Special Handling Instructions:

☒ Reservation ☒ Train ☒ Check In / Out ☒ Events ☒ Placards ☒ Customs ☒ Commodity ☒ Customer

**Commodity Information**

Piece Count:  Package Type:

STCC Code:  Origin Country:  Origin Prov / State:  Destination Country:

Commodity Desc:

New Confirmation

OK Cancel Apply Help

28-Apr-2000 17:32:02

Ready

Fig. 17



# CONFIRMATION DETAILS - CUSTOMER INFORMATION

EXPRESSWAY

File Edit Management Operation Reports Window Help

## Confirmation Detail

Trailer ID:

Chassis ID:

Style:

Length:

Seal No:

Content Wt:

Dangerous Wt:

☐ Empty Load ☒ Dangerous

Customer Name:

Caller:

☐ Internet Created

Shipment ID:

No Charge: ☐

Status:

Rollup Door: ☐

### Special Handling Instructions:

Reservation ☒ Train ☒ Check In / Out ☒ Events ☒ Placards ☒ Customs ☒ Commodity ☒ Customer ☒

Shipper:

Ultimate Shipper:

2225-B SHEPPARD AVE E TORONTO, ON CA  
M2J 5C2

Consignee:

Ultimate Consignee:

100 RENAISSANCE CTR DETROIT, MI US  
48265

New Confirmation

OK Cancel Apply Help

28-Apr-2000 17:36:13

Ready

Fig. 18

FIG. 18

68

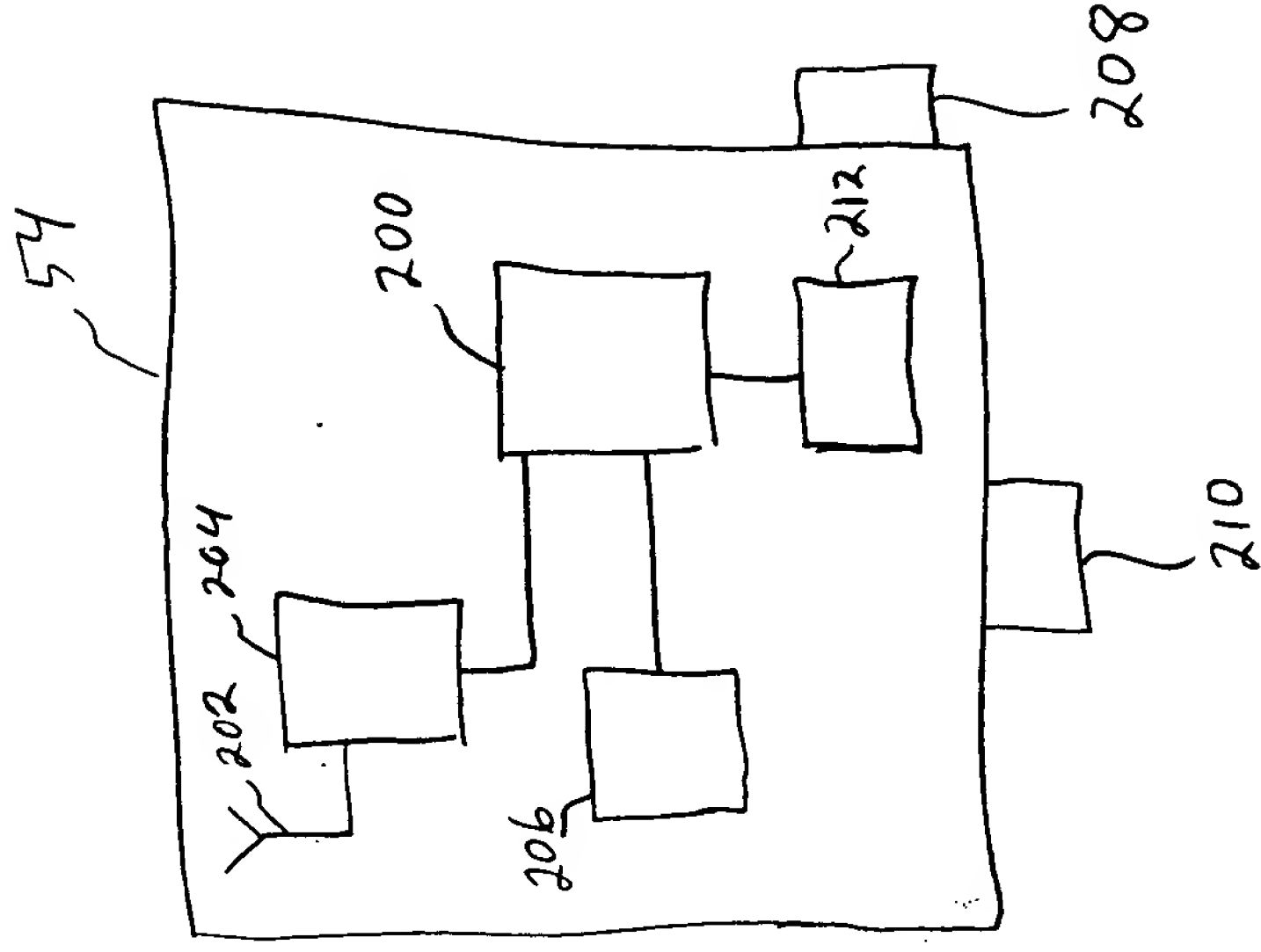
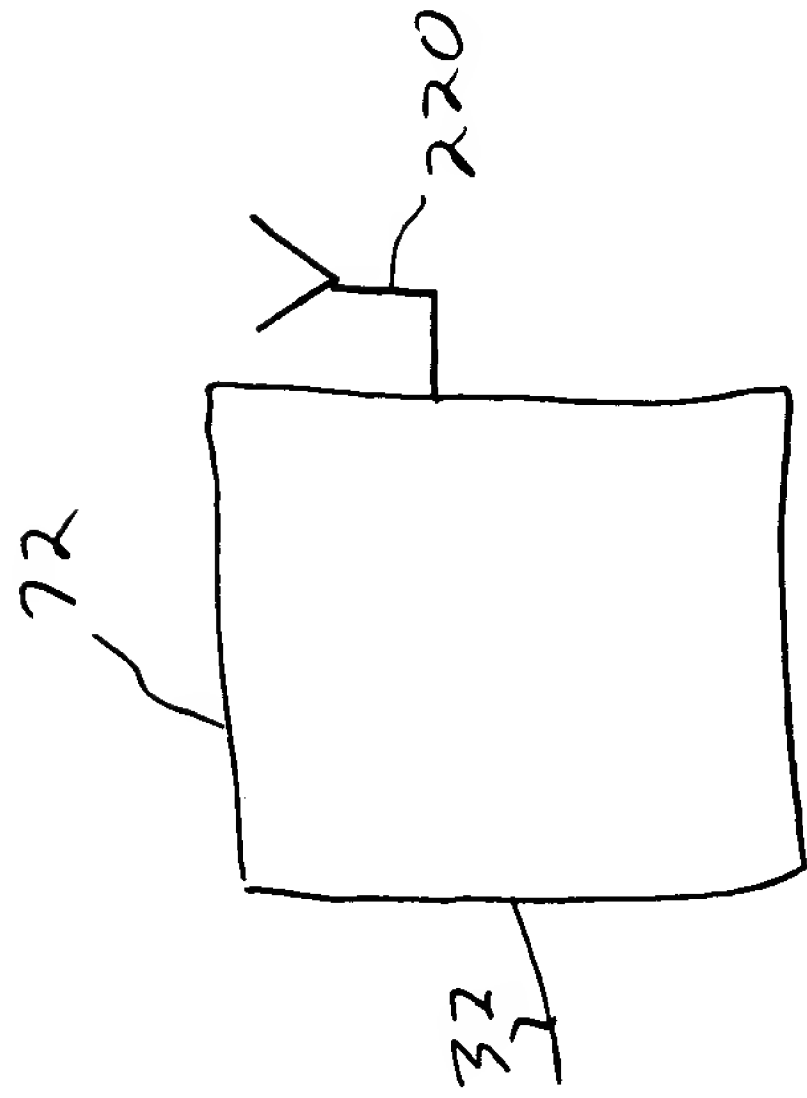


Fig. 19